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Investigation of endurance of ...   S/535/60/000/129/005/006
E193/E580

where f is the vibration frequency per sec, E the modulus of
elasticity (kg/mm^2), J the moment of inertia (mm^4), and m mass per
unit length (kg.sec^2/mm^2). The tests were conducted on a base
N = 10^8 cycles in the case of the EI617 and ZhS6K alloys, and 10^7
and 10^8 cycles in the case of the VT3-1 alloy. Each fatigue curve
was constructed from data obtained on eight test pieces. In the
first test of each series a stress equal approximately to 0.5 σ_b
was used, where σ_b is the U.T.S. of the alloy tested; in each
subsequent test the applied stress was lowered by 2 kg/mm^2. The
vibration amplitude, A (mm), of the free end of the test piece,
required to produce a given stress, was calculated from the
formula

$$A = 0.5682 \frac{\ell^2}{Ed} \sigma,$$

where ℓ and d are the length and diameter of the specimen,
respectively, E the modulus of elasticity (kg/mm^2), and σ_1 the
applied stress (kg/mm^2). The results are reproduced in Figs.10-13,
where the stress σ_{-1} (kg/mm^2) is plotted against the number of
cycles to fracture. The fatigue curves in Fig.10 relate to
alloy EI617, tested at 20°C under the following conditions:(1)testing

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Investigation of endurance of S/535/60/000/129/005/006
E193/E580

machine of the ГЗИП(GZIP) type (bending of the revolving specimen),
load frequency f = 50 cycles/sec; (2) testing machine of the П-391
(P-391) type (bending of a revolving specimen), f = 200 cycles/sec,
(3) testing machine VIU-1 MAI-VIAm (single plane bending),
f = 1000 cycles/sec. The fatigue curves in Fig.11 relate to
alloy ZhS6K tested at 20°C, the testing conditions for curves 1-3
being the same as in Fig.10. The results, reproduced in Fig.12
relate to alloy VT3-1 tested under the following conditions:
curve 1 - testing machine VIU-1 MAI-VIAM, f = 1100 cycles/sec,
t = 20°C; curve 2 - same as for curve 1, except f = 420 cycles/sec;
curve 3 - testing machine GZIP, f = 50 cycles/sec, t = 20°C;
curve 4 - testing machine VIU-1 MAI-VIAM, f = 420 cycles/sec,
t = 400°C. Fig.13 shows the fatigue curves of the VT3-1
alloy, tested at 20°C on the VIU-1 MAI-VIAM machine, curves
1-3 relating to tests carried out at f = 450, 1100 and
1650 cycles/sec, respectively; these are the most significant
results of the present investigation, showing that the endurance
limit of the alloys studied increased with increasing load
frequency. Metallographic examination of the fatigue test pieces
in the region of fracture revealed no changes in the microstructure
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Investigation of endurance of ...   S/535/60/000/129/005/006
                                      E193/E580

due to increased loading frequency. The fatigue cracks were
trans-crystalline, and only in the zone of final fracture were
intergranular cracking and some degree of plastic deformation of
the grains observed. It was concluded that both the equipment
used and the method employed by the present authors are suitable
for fatigue testing under high frequency loading and give
reliable results which can be used as design data in the production
of turbine and compressor blades, operating under high frequency
loads. There are 15 figures, 5 tables and 6 references: 1 Soviet
and 5 English. The English-language references read as follows:
Lomas T., Ward I., Rait, I., Colbeck E., International Conference
on Fatigue of Metals, London, Sept., 1956; Krouse G., Proc. ASTM,
34, 1934, II, 156; Jenkin C. and Lehman G., Proc. Roy. Soc., 125,
1929, 83; Wade A and Grootenhuis P., International Conference on
Fatigue of Metals, London, Sept., 1956.

Card 5/9

L 07811-67   EWT(1)/EWT(m)/EWP(w)/EWP(t)/ETI   IJP(c)   JD/WW/EM

ACC NR: AR6017495   SOURCE CODE: UR/0137/66/000/001/I082/I082

AUTHOR: Zhukov, S. A.; Shadskiy, I. A.; Zhukov, N.

TITLE: Durability of some alloys at high frequencies

SOURCE: Ref. zh. Metallurgiya, Abs. 11559

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 19, 1965, 399-404

TOPIC TAGS: alloy steel, durability, vibration test

ABSTRACT: The authors studied the effect of variable high-frequency loads on the vibration strength of scoop materials (SAP, VT3-1, EI961 and EI617). Fatigue tests were done on an installation of the resonance type with an electromagnetic system for excitation of oscillations from 200 to 2400 cps. Thermal conditions were varied during testing from room temperature to 550°C. It was found that increasing the load frequency increases σ_w for all materials studied. VT3-1 alloy showed the greatest increase in σ_w. V. Ivanova. [Translation of abstract]

SUB CODE: 11

Card 1/1 mc   UDC: 669.018.295:620.17

30(6)(11)   PHASE I BOOK EXPLOITATION   SOV/1467

Shadskiy, Pavel Ivanovich

Sovetskaya aviatsiya v boyakh za Rodinu (Soviet Aviation in Battles for
    the Motherland) Moscow, Izd-vo DOSAAF, 1958. 86 p. 17,000 copies
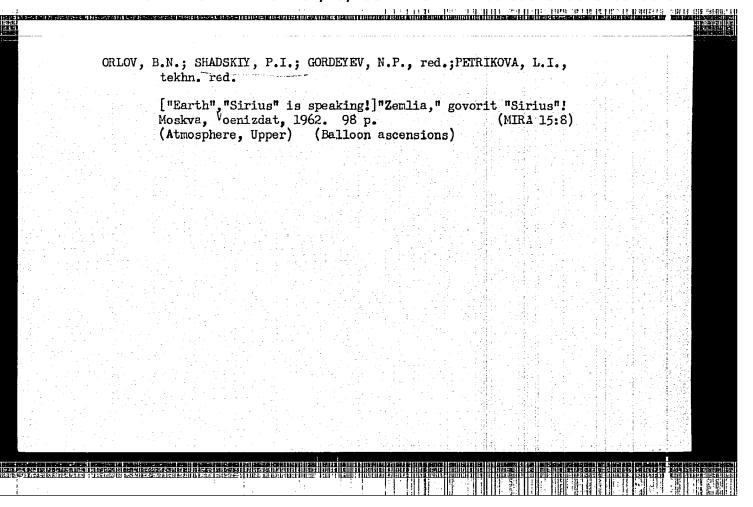   printed.

Ed.: A.A. Vasil'yev; Tech. Ed.: V.N. Gerasimova.

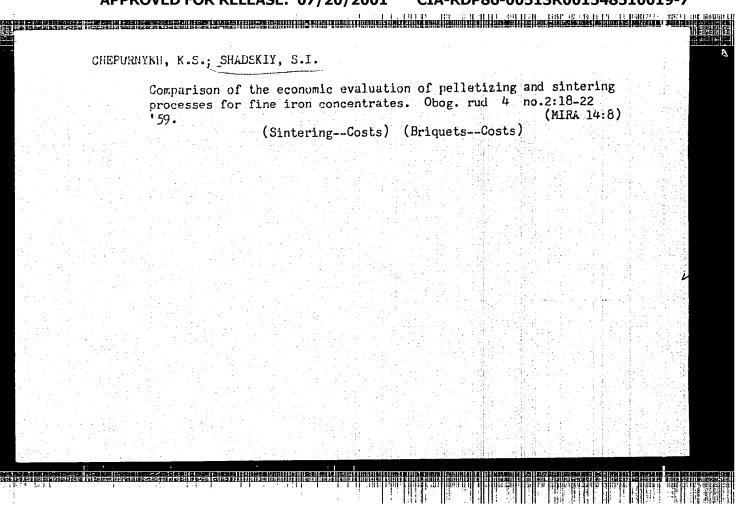PURPOSE: This book is intended for the general reader.

COVERAGE: After a brief discussion of Marxism and Leninism, the book presents a
    summary of the history of Russian aviation since the time of the First World
    War. Comparisons with German and U.S. accomplishments are drawn. The role
    of aviation in the battles of the last wars is described and the achievements of
    the various five-year plans in industry are praised. The last chapter reports
    on the development of the "Tu-104", "Tu-104 A", and "Tu-110" jet planes and
    gives some data on them. A great number of aircraft designers and pilots are
    mentioned by name. There are no references and no figures.

Card 1/2

Soviet Aviation   (Cont.)   SOV/1467

TABLE OF CONTENTS:

Preface   3

From the History of Russian Aviation   4

Soviet Aviation During the Years of Foreign Military Intervention and
Civil War   14

Soviet Aviation During the Years 1922 - 1940   34

Soviet Aviation in the Second World War   40

Soviet Aviation Today - a Powerful Force Standing Guard Over the
Peaceful Labor of the Soviet People   78

AVAILABLE: Library of Congress

Card 2/2   IS/gmp
                                                5-8-59

ORLOV, B.N.; SHADSKIY, P.I.; GORDEYEV, N.P., red.;PETRIKOVA, L.I.,
    tekhn. red.

    ["Earth","Sirius" is speaking!]"Zemlia," govorit "Sirius"!
    Moskva, Voenizdat, 1962. 98 p.   (MIRA 15:8)
    (Atmosphere, Upper)   (Balloon ascensions)

SHADSKIY, S.,

Trees — Diseases and Pests

Struggle with root pests in nurseries and forest farms of the Altai Province. Les. Khoz.
no. 12, 1951.

Monthly List of Russian Accessions. Library of Congress, April 1952. UNCLASSIFIED.

CHEPURNYKH, K.S.; SHADSKIY, S.I.

Comparison of the economic evaluation of pelletizing and sintering
processes for fine iron concentrates. Obog. rud 4 no.2:18-22
'59.   (MIRA 14:8)
        (Sintering--Costs) (Briquets--Costs)

GALITSKIY, N.V.; SHADSKIY, S.V.

Content of dissolved chlorides in condensed titanium tetra-
chloride. Titan i ego splavy no.8:140-144 '62.   (MIRA 16:1)
                    (Titanium chloride--Analysis)

SHADSKIY, S.V.; MISHCHENKO, K.P.

Dielectric constant of organic solvents and the thermodynamic properties of sodium iodide solutions in water, methanol, acetone, and in a mixed dioxane-water solvent. Dokl. AN SSSR 158 no.5:1180-1182 O '64.

(MIRA 17:10)

1. Leningradskiy tekhnologicheskiy institut tsellyulozno-bumazhnoy promyshlennosti. Predstavleno akademikom A.A.Grinbergom.

MISHCHENKO, K.P.; SHADSKIY, S.V.

Thermochemistry of nonaqueous electrolyte solutions. Part 2: Heats of dissolution of sodium iodide in a water-dioxane solvent. Teoret. i eksper. khim. 1 no.1:60-65 Ja-F '65.   (MIRA 18:7)

1. Leningradskiy tekhnologicheskiy institut tsellyulozno-bumazhnoy promyshlennsoti.

NESTERENKO, V. B.; SHADSKIY, V. M.

"The modelling method on transient thermal processes in gas-cooled reactors
on the analogue computers."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva,
31 Aug-9 Sep 64.

L 01462-66   EWT(m)/EPF(c)/EPF(n)-2/EWG(m)   WW

ACCESSION NR: AP5014736   UR/0201/65/000/001/0038/0043

AUTHORS: Nesterenko, V. B.; Shadskiy, V. M.

TITLE: Simulation of nonstationary thermal processes in gas-cooled power reactors with analog computers

SOURCE: AN BSSR. Izvestiya.   Seriya fiziko-tekhnicheskikh nauk, no. 1, 1965, 38-43

TOPIC TAGS: nuclear power reactor, gas cooled reactor, reactor control, control simulator, analog computer

ABSTRACT: The described simulation method is based on transformation of the partial differential equations in three variables, which describe the processes in the reactor, into ordinary nonlinear differential equations which can be handled by standard analog computers.   The latter are preferred for the development of automatic control systems or for the investigation of the emergency and start-

Card   1/3

L 01462-66

ACCESSION NR: AP5014736

ing conditions of atomic power installations because they can be
readily integrated in the control system and they do not require
laborious and expensive programming. The transformation is based
on an approximation in which the rated heat-transfer scheme is repre-
sented by an integral values of the fuel-element and gas temperature
averaged over the cross section. The various approximations and
assumptions are discussed and the integral quantities, obtained in
the form of a series, are written out for one and two terms in the
expansion. The simulation of the nonstationary conditions of a
nitrogen-cooled 50-MW reactor by means of a type MNB-1 computer is
briefly described and the resultant plots of the outlet gas tempera-
ture and of the neutron flux, following changes in temperature, gas
flow, and reactivity, are presented. The results agreed within
3--4% with calculations by a finite-difference method, and made it
possible to get along with fewer differential equations (5 vs. 8).
The method is recommended for the study of the characteristics of
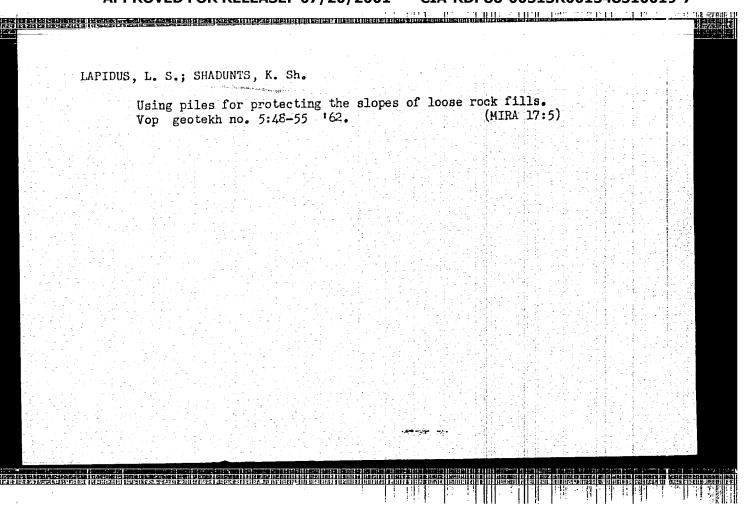the warm-up, starting, power-change, and emergency shutdown of the
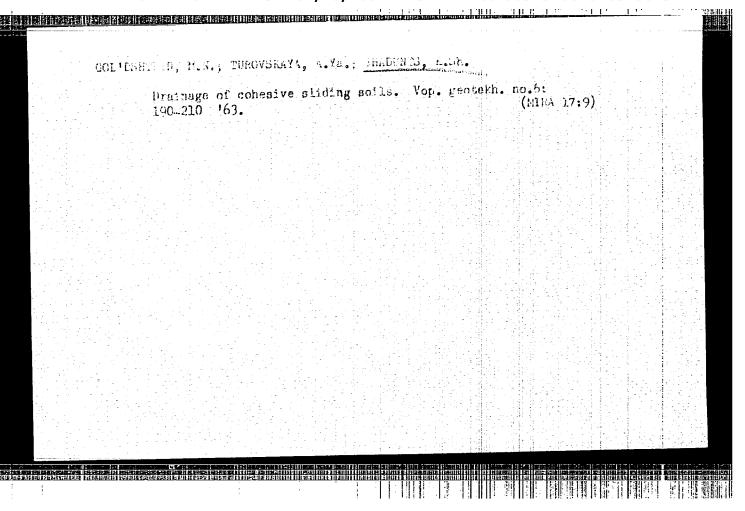
Card   2/3

L 01462-66

ACCESSION NR: AP5014736

reactor, as well as for the study of dynamic characteristics of the regenerator, cooler, and other heat-exchange equipment in atomic power installations. Orig. art. has: 5 figures and 9 formulas.

ASSOCIATION: None

SUBMITTED: 00   ENCL: 00   SUB CODE: NP, DP

NR REF SOV: 004   OTHER: 003

Card   3/3

L 41670-65   EPF(c)/EPF(n)-2/EPR/EWT(m)/EWG(m)   Pr-4/Ps-4/Pu-4

ACCESSION NR: AP5005769   t/0170/65/008/001/0110/0113

AUTHOR: Konchits, V. P.; Shadskiy, V. M.

TITLE: Use of type MNB-1 analog computers to solve nuclear power problems

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 1, 1965, 110-113

TOPIC TAGS: analog computer, nuclear reactor, reactor control, reactor simulation

ABSTRACT: The possible use of a comprehensive utilization of MNB-1 and MN-7 analog computers in conjunction with specialized attachments for the investigation of the dynamics of nuclear reactors is discussed. It is shown that in view of the high order of the differential equations involved, several analog computers must be operated in parallel, and that the use of an attachment that simulates the operation of the reactor itself is highly desirable. A variant of such a simulator is described and its application to a water-cooled reactor with both positive and negative temperature feedback is illustrated. The data were within 1.5% of those obtained by a different method. The simulation error is estimated as a function of the shear element composition and of the burnup rate. Orig. art. has: 3 figures and 3 formulas.

Card 1/2

L 41670-65
ACCESSION NR: AP5005769

ASSOCIATION: Institut teplo- i massocbmena AN BSSR, Minsk (Institute of Heat and
Mass Exchange, AN BSSR)

SUBMITTED: 11May64   INCL: 00   SUB CODE: DP, NP

NR REF SOV: 005   OTHER: 002

CC
Card   2/2

LAPIDUS, L. S.; SHADUNTS, K. Sh.

 Using piles for protecting the slopes of loose rock fills.
 Vop geotekh no. 5:48-55 '62.   (MIRA 17:5)

GOL'DSHTEIN, M.N.; TUROVSKAYA, A.Ya.; BRADIVES, L.Gh.

Drainage of cohesive sliding soils. Vop. geotekh. no.6:
190-210 '63.

(MIRA 17:9)

SHADUNTS, K.Sh., kand. tekhn. nauk; MORZHOV, I.V., inzh.

Construction of the foundation beds of water conduits. Transp. stroi.
15 no.7:50-51 Jl '65.   (MIRA 18:7)

21   STATE, L. I.   Ob opredelenii parametrov vakuua-teletraru. Trudy Inst.
        Fiz. mat. Akad. nauk SSSR, transporte in. Daurskinsheto, vyp. 37, 195)
        .71-175

    SC: Latopis' Zhurnal'nykh Statey, No. 2), Mosiva, 194 .

KAZIMIROV, K.V., inzhener; SHADUR, L.A., kandidat tekhnicheskikh nauk,
    redaktor; DRONDIN, K.A., inzhener, redaktor; KHITROV, P.A., tekh-
    nicheskiy redaktor

[Tank cars; design, repair and operation] Vagony-tsisterny: ustroi-
stvo , remont i ekspluatatsiia. 2-e isprav. i dop. izd. Moskva,
Gos. transportnoe zhel.-dor. izd-vo, 1950. 215 p.   (MLRA 8:6)
        (Tank cars)

SHADUR, L.A.

124-11-13475

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 162 (USSR)

AUTHOR: Shadur, L. A.

TITLE: Calculation Methods for Cast Freight-Car Truck Frames   (K voprosu o metodakh rascheta litoy bokoviny telezhki gruzovogo vagona)

PERIODICAL: Tr. Mosk. elektromekh. in-ta inzh. zh.-d. transporta, 1953, Nr 62, pp 162-189

ABSTRACT: The Author offers a survey of calculation methods for freight-car trucks as statically indeterminate structures. In order to clarify the effects of the shear and tensile (and compressive) deformations, four variants are examined and consideration is given to: (1) Flexure, shear, and tension or compression; (2) Shear and tension (or compression) alone; (3) Either flexure or shear alone; (4) Flexure alone.
    The calculated stresses are compared with the results of tests performed on a test stand with a truck; Variant (2) affords the best approximation; Variant (1) is somewhat worse (up to 10 per cent); Variant (3) is worse yet (up to 25 per cent).
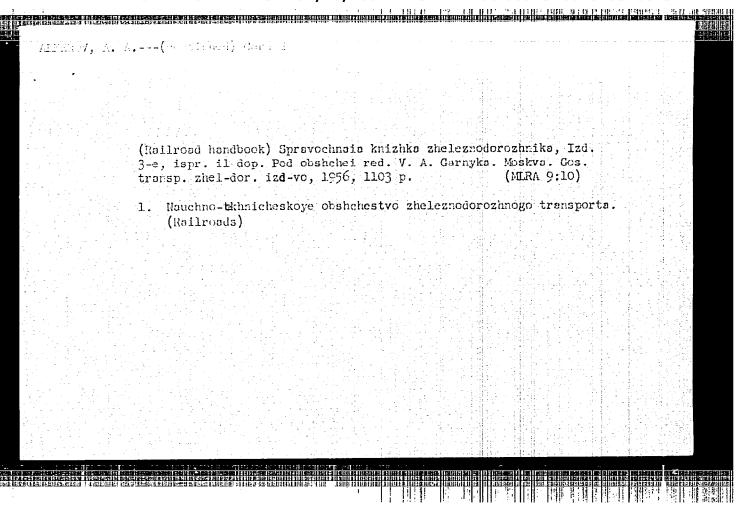   (N. P. Kashparova)

Card 1/1

SHADUR, L.A.

VICHEREVIN,A.Ye.; GULEV,Ya.F.; DACHUK,L.Ya.; DROBINSKIY,V.A.; KRYLOV,
S.K.; SHADUR,L.A.; SHILOVSKIY,V.A.; CHERNYSHEV,V.I., redaktor;
VERINA,G.P., tekhnicheskiy redaktor

[Railroad fundamentals] Osnovy zheleznodorozhnogo dela. Moskva,
Gos.transp.zhel-dor. izd-vo, 1955. 400 p.   (MLRA 9:3)
                          (Railroads)

ALFEROV, A. A.; ARTEMKIN, A. A.; ASHKENAZI, Ye. A.; VINOGRADOV, G. P.; GALEYEV, A. U.;
GRIGOR'YEV, A. A.; D'YACHENKO, P. Ye.; ZALIT, N. N.; ZAKHAROV,P. M.;
ZOBNIN, N. P.; IVANOV, I. I·; IL'IN, I. P.; KMETIK, P. I.; KUDRYASHOV, A. T.;
LAPSHIN, F. A.; MOLYARCHUK, V. S.; PERTSOVSKIY, L. M.; POGODIN, A. M.;
RUDOY, M. L.; SAVIN, K. D.; SIMONOV, K. S.; SITKOVSKIY, I. P.; SITNIK, M. D.;
TETEREV, B. K.; TSETYRKIN, I. Ye.; TSUKANOV, P. P.;SHADIKYAN, V. S.;
ADELUNG, N. N., retsenzent; AFANAS'YEV, Ye. V., retsenzent;VLASOV, V. I.,
retsenzent; VOROB'YEV, I. Ye., retsenzent; VORONOV, N. M., retsenzent;
GRITCHENKO, V. A., retsenzent; ZHEREBIN, M. N., retsenzent; IVLIYEV, I. V.,
retsenzent; KAPORTSEV, N. V.,retsenzent;KOCHUROV, P. M., retsenzent;
KRIVORUCHKO, N. Z., retsenzent; KUCHKO, A. P.; Retsenzent; LOBANOV, V. V.,
retsenzent; MOROZOV, A. S., retsenzent;ORLOV, S.P. retsenzent; PAVLUSHKOV,E. D.
retsenzent;POPOV, A. N. retsenzent; PROKOF'YEV, P. F., retsenzant; RAKOV, V. A.,
retsenzent; SINEGUBOV, N. I. retsenzent; TERENIN, D. F. retsenzent;
TIKHOMIROV, I. G., retsenzent; URBAN, I. V., retsenzent; FILAKOVSKIY, I . A.,
retsenzent; CHEPYZHEV, B. F., retsenzent; SHEBYAKIN, O. S., retsenzent,
SHCHERBAKOV, P. D., retsenzent; GARNYK, V. A., redaktor; LOMAGIN, N. A.
redaktor; MORDVINKIN, N. A. redaktor; NAUMOV, A. N., redaktor; POBEDIN, V. P.,
redaktor; RYAZANTSEV, B. S., redaktor; TVERSKOY, K. N., redaktor; CHEREVATYY,
N. S., redaktor; ARSHINOV, I. M., redaktor;BABELYAN, V. B., redaktor;
BERNGARD, K. A., redaktor; VERSHINSKIY, S. V.,redaktor; GAMBURG, Ye. Yu.,
redaktor; DERIBAS, A. T., redaktor;DOMBROVSKIY, K. I., redaktor; KORNEYEV, A. I.
redaktor; MIKHEYEV, A. P., redaktor;MOSKVIN, G. N., redaktor; RUBINSHTEYN, S. A.
redaktor; TSYPIN, G. S.' redaktor; CHERNYAVSKIY, V. Ya., redaktor;
CHERNYSHEV, V. I., redaktor; CHERNYSHEV, M. A., redaktor; SHADUR, L. A.,
redaktor; SHISHKIN, K. A., redaktor.

ALFEROV, A. A.---(continued) Card 2

(Railroad handbook) Spravochnaia knizhka zheleznodorozhnika, Izd.
3-e, ispr. il dop. Pod obshchei red. V. A. Garnyka. Moskva. Gos.
transp. zhel-dor. izd-vo, 1956, 1103 p.   (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.
    (Railroads)

SHADUR, L.A., kandidat tekhnicheskikh nauk, dotsent.

Reserve strength of freight car truck side frames and bolsters. Vest.
TSNII MPS 15 no.2:15-22 S '56.   (MIRA 9:12)
        (Railroads--Cars)

SHADUR, L. A. Doc Tech Sci -- (diss) "Concerning-the-ways-of ~~"On means to~~

~~reduction~~ *reduce* ~~of~~ the weight of rail~~way~~ cars and~~,~~ *on* po.:sibilities of ~~lightening~~ *reducing its weight* of cast hand-carts ~~that can be achieved by impro-~~ *on the basis of perfecting of methods*

~~ving~~ *for* the study ~~methods~~ of their ~~durability.~~ *structural strength."* Mos, 1957. 26 pp

20 cm. (Min of ~~Communications~~ *Railways* USSR. Moscow Order of Lenin and

Labor Red Banner Inst of Engineers of Rail~~way~~ *road* Transport im

I. ~~Y.~~ V. Stalin), 120 copies

(KL, 21-57, 101)

-41-

POPOV, Aleksey Aleksandrovich; SHADUR, Leonid Abramovich; NEVZOROVA,
    Nadezhda Nikiforovna; VERSHINSKII, ~~~~~~~~~~~~~~~~tekhnicheskikh
    nauk, redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Investigation of the strength of freight car truck frames and
ways of decreasing their weight.] Issledovanie prochnosti ramy
telezhki gruzovykh vagonov i puti snizheniia ee vesa. Moskva,
Gos. transp. zhel-dor.izd-vo, 1957. 263 p. (Moscow, Vsesoiuznyi
nauchno-issledovatel'skii institut zheleznodorzhnogo transporta.
Trudy. no. 139).   (MLRA 10:7)
                    (Railroads--Freight cars)

SHADUR, L.A., kandidat tekhnicheskikh nauk.

Technical and economic effectiveness of lowering the crated weight
of freight cars. Zhel.dor.transp. 39 no.2:49-54 F '57.

(MLRA 10:3)

(Railroads--Cars)

SOV/124-58-5-6081

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 152 (USSR)

AUTHOR: Shadur, L.A.

TITLE: Stressed Condition of the Lateral Frame of a Railroad-car Truck Under the Action of Braking Loads (Napryazhennoye sostoyaniye bokovoy ramy telezhki ot deystviya tormoznykh nagruzok)

PERIODICAL: Tr. Mosk. in-ta inzh. zh.-d. transp., 1957, Nr 99, pp 3-28

ABSTRACT: Bibliographic entry

              1. Railroad cars--Equipment
              2. Railroad cars--Stresses

Card 1/1

SOV/124-58-5-6082

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 152 (USSR)

AUTHOR: Shadur, L.A.

TITLE: Investigation of the Stressed Condition of a Spring-supported
           Beam of a Railroad car Truck (Issledovaniye napryazhennogo
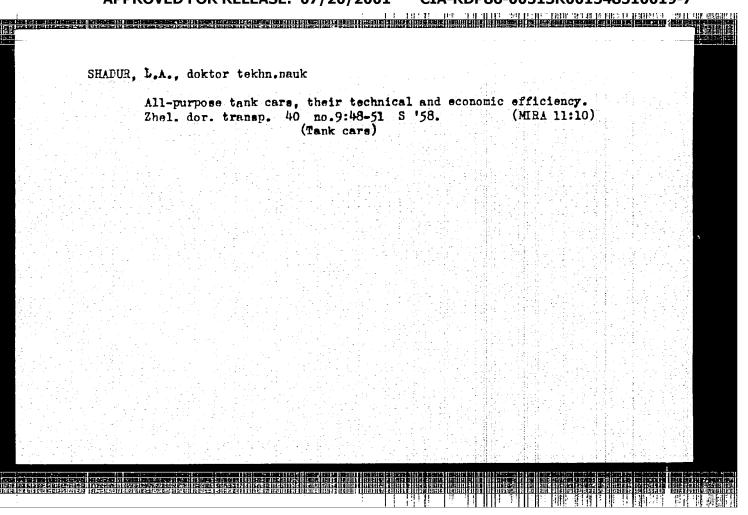   sostoyaniya nadressornoy balki telezhki)

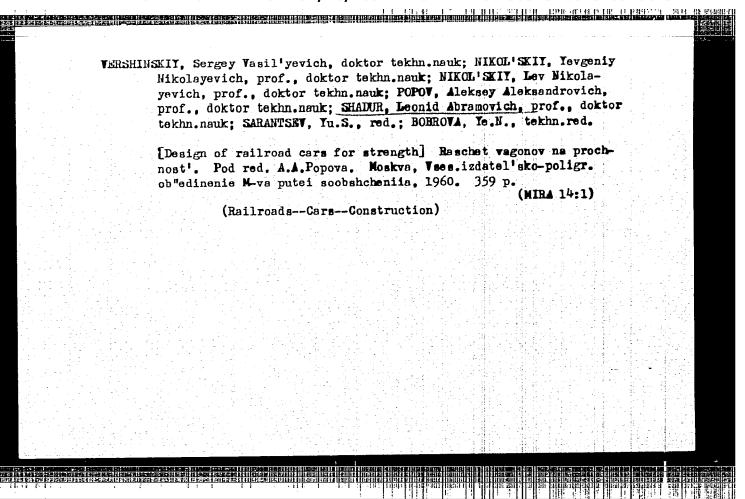PERIODICAL: Tr. Mosk. in-ta inzh. zh.-d. transp., 1957, Nr 99, pp 29-40
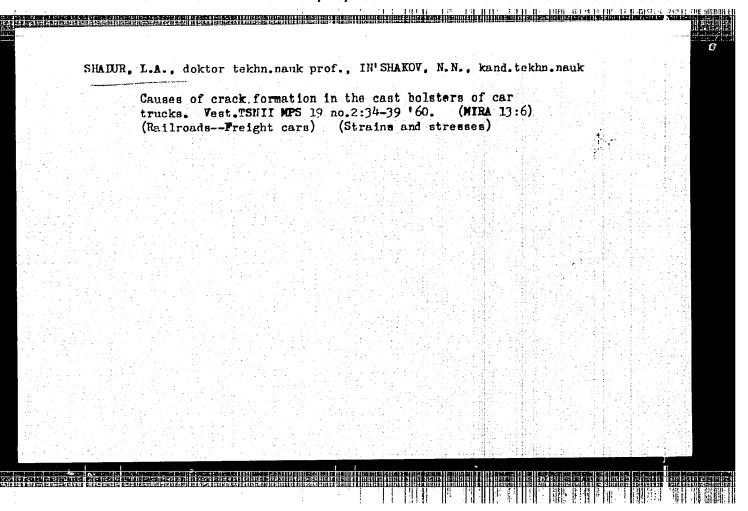
ABSTRACT: Bibliographic entry

                    1. Railroad cars--Equipment
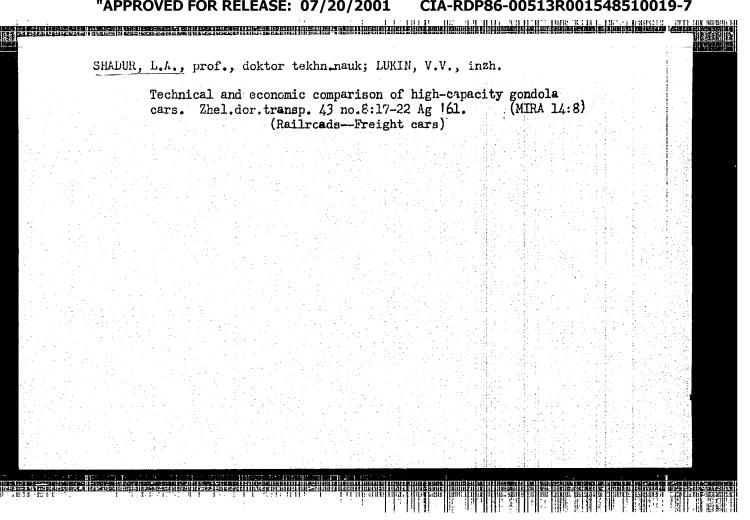   2. Beams--Stresses

Card 1/1

SHADUR, Leonid Abramovich -- awarded sci degree of Doc Tech Sci for

29 May defense of dissertation: "On the means for lessening the weight

of cars [vagony] and possibilities for lightening cast carts through

improved methods of research in durability" at the Council, Mos Inst

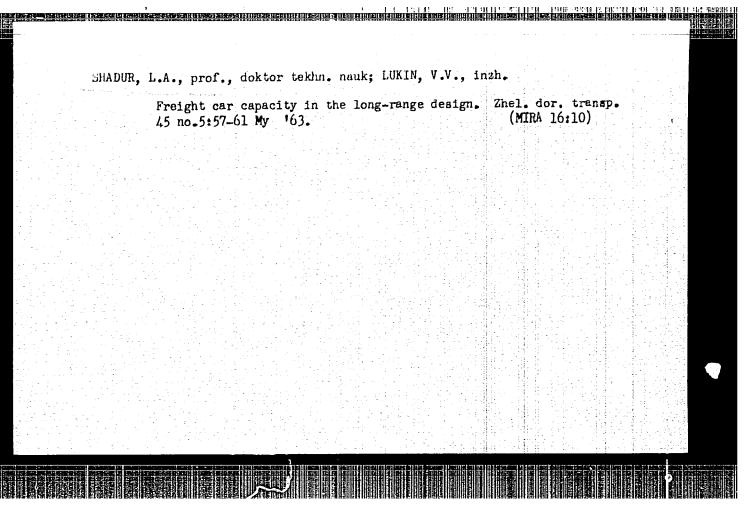of RR Transp Engrs imeni Stalin; Prot No 7, 29 Mar 58.

(BMVO, 8-58,23)

SHADUR, L.A., doktor tekhn.nauk

All-purpose tank cars, their technical and economic efficiency.
Zhel. dor. transp. 40 no.9:48-51 S '58.   (MIRA 11:10)
                        (Tank cars)

VERSHINSKIY, Sergey Vasil'yevich, doktor tekhn.nauk; NIKOL'SKIY, Yevgeniy
Nikolayevich, prof., doktor tekhn.nauk; NIKOL'SKIY, Lev Nikola-
yevich, prof., doktor tekhn.nauk; POPOV, Aleksey Aleksandrovich,
prof., doktor tekhn.nauk; SHADUR, Leonid Abramovich, prof., doktor
tekhn.nauk; SARANTSEV, Yu.S., red.; BOBROVA, Ye.N., tekhn.red.

[Design of railroad cars for strength] Raschet vagonov na proch-
nost'. Pod red. A.A.Popova. Moskva, Vses.izdatel'sko-poligr.
ob"edinenie M-va putei soobshcheniia, 1960. 359 p.
                                         (MIRA 14:1)

          (Railroads--Cars--Construction)

SHADUR, L.A., doktor tekhn.nauk prof., IN'SHAKOV, N.N., kand.tekhn.nauk

Causes of crack.formation in the cast bolsters of car
trucks. Vest.TSNII MPS 19 no.2:34-39 '60.   (MIRA 13:6)
(Railroads--Freight cars)   (Strains and stresses)

SHADUR, L.A., prof., doktor tekhn.nauk; LUKIN, V.V., inzh.

Technical and economic comparison of high-capacity gondola
cars. Zhel.dor.transp. 43 no.8:17-22 Ag '61.   (MIRA 14:8)
            (Railrcads--Freight cars)

SHADUR, Leonid Abramovich, doktor tekhn. nauk, prof.; CHELNOKOV, Ivan
        Ivanovich, doktor tekhn. nauk, prof.; NIKOL'SKIY, Lev
        Nikolayevich, doktor tekhn. nauk, prof.; KAZANSKIY, Georgiy
        Alekseyevich, kand. tekhn.nauk; KOGAN, Liber Ayzikovich,
        kand. tekhn. nauk; DEVYATKOV, Vladimir Fedorovich, kand.
        tekhn. nauk; CHIRKIN, Viktor Vasil'yevich, kand. tekhn. nauk;
        MORDVINKIN, N.A., inzh., retsenzent; BRAYLOVSKIY, N.G., red.;
        MEDVEDEVA, M.A., tekhn. red.

[Designs of railroad cars] Konstruktsii vagonov. Moskva, Vses.
izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia,
1962. 415 p.   (MIRA 15:4)
        (Railroads—Cars—Design and construction)

SHADUR, L.A., prof., doktor tekhn. nauk; LUKIN, V.V., inzh.

Freight car capacity in the long-range design. Zhel. dor. transp.
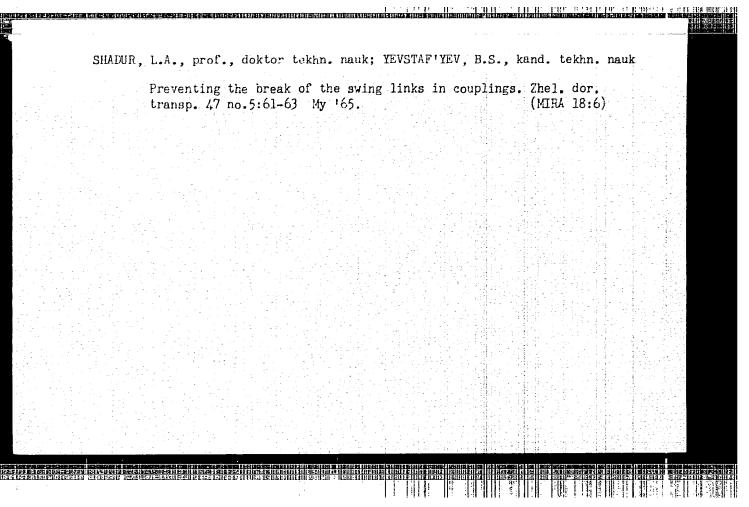45 no.5:57-61 My '63. (MIRA 16:10)

DOLMATOV, A.A., kand. tekhn. nauk; KUDRYAVTSEV, N.N., kand. tekhn. nauk;
SHADUR, L.A., doktor tekhn. nauk, retsenzent; POPOV, A.V. inzh., red.;
VASIL'YEVA, N.N., tekhn. red.

[Dynamics and strength of four-axle railroad tank cars.]
Dinamika i prochnost' chetyrekhosnykh zheleznodorozhnykh
tsistern. Moskva, Transzheldorizdat, 1963. 122p. (Moscow.
Vsesoiuznyi nauchno-issledovatel'skiii institut zheleznodorozhnogo
transporta. Trudy, no.263).

(MIRA 16:11)

SHADUR, L.A., prof., doktor tekhn. nauk; LUKIN, V.V., kand. tekhn. nauk

Efficiency of the use of heavy gondola cars without hatches.
Zhel. dor. transp. 46 no.7:40-42 Jl '64.   (MIRA 17:8)

SHALUR, I.A., inzh.

Work of the volunteer economic analysis bureau at the "Krasnoe Sormovo" Plant. Sudostroenie 31 no.5:49-50 My '65.

(MIRA 18:8)

SHADUR, L.A., prof., doktor tekhn. nauk; YEVSTAF'YEV, B.S., kand. tekhn. nauk

Preventing the break of the swing links in couplings. Zhel. dor.
transp. 47 no.5:61-63 My '65.   (MIRA 18:6)

SHADUR, L.A., prof., doktor tekhn.nauk; LUKIN, V.V., dotsent, kand.tekhn.nauk;
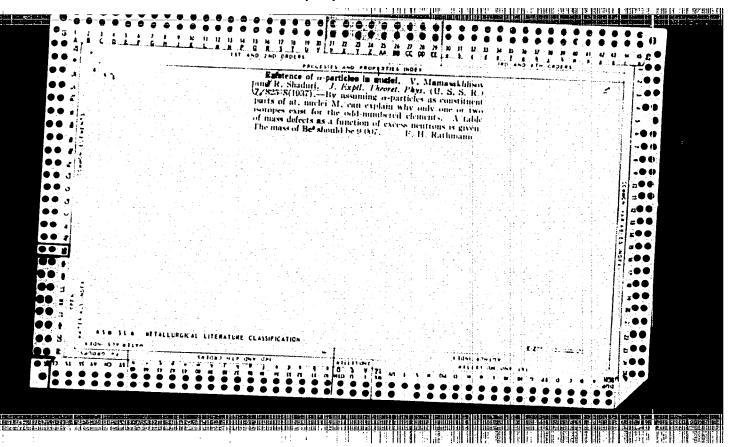RIDEL', E.I., dotsent, kand.tekhn.nauk; ZAMURUYEV, V.T.

Capacity and design of boxcars. Zhel.dor.transp. 47 no.12:30-32
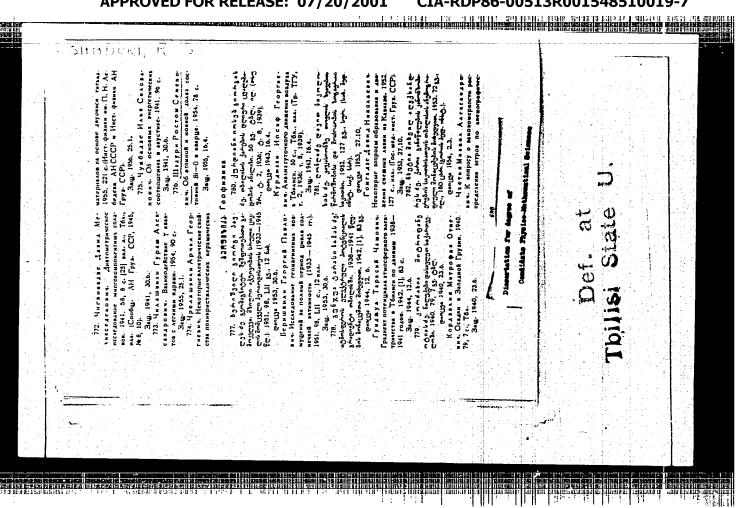D '65.   (MIRA 18:12)

1. Glavnyy konstruktor Altayskogo vagonostroitel'nogo zavoda
(for Zamuruyev).

ACC NR: AM6004820   (A)   Monograph   UR/

Shadur, Leonid Abramovich (Doctor of Technical Sciences, Professor); Chelnikov, Ivan Ivanovich (Doctor of Technical Sciences, Professor); Nikol'skiy, Lev Nikolayevich (Doctor of Technical Sciences, Professor), Nikol'skiy, YEvgeniy Nikolayevich (Doctor of Technical Sciences, Professor); Proskurnev, Petr Grigor'yevich (Candidate of Technical Sciences, Docent); Kazanskiy, Georgiy Alekseyevich (Candidate of Technical Sciences); Devyatkov, Vladimir Fedorovich (Candidate of Technical Sciences)

Railroad cars; construction, theory, and design (Vagony; konstruktsiya, teoriya i raschet) Moscow, Izd-vo "Transport", 1965. 439 p. illus., biblio. 8,000 copies printed. Textbook for railroad transportation institutes.

TOPIC TAGS: railway equipment, railway rolling stock, railway transportation, railway vehicle data

PURPOSE AND COVERAGE: The book deals with the construction, strength calculations, dynamics, choice of technical-economic parameters, and sizes of railroad cars. It is intended for courses on "Railroad Cars" (construction, theory, calculation) for those specializing in "Railroad Car Construction and Railroad Car Management" of higher technical institutes for railway transport. It is designed to be a basic course for further specialization is special-purpose cars such as refrigerator cars, electric equipment of railroad cars, technology of construction and repair of railroad cars, and other specialties. It is designed for students who have some elementary information on car construction and car strength.

UDC: 625/23/.24

Card   1/2

ACC NR: AM6004820

TABLE OF CONTENTS [abridged]:

SUB CODE: 13/   SUBM DATE: 21Jul65/   ORIG REF: 218/   OTH REF: 010

Card   2/2

DOLGOPLOSK, N.A.; SHADUR, M.G.

Discussion of S.Kh.Sidorovich's article on, "Clinical and
electrocardiographic dynamics of myocardial infarct." Terap.
arkh.27 no.4,79-81 '55.   (MLRA 8:10)
        (MYOCARDIAL INFARCT, physiology
            clin.aspects & ECG)
        (ELECTROCARDIOGRAPHY, in various diseases,
            myocardial infarct.)

1ST AND 2ND CODES

PROPERTIES AND PROPERTIES INDEX

Existence of α-particles in nuclei. V. Mamasakhlisov and R. Shaduri. *J. Exptl. Theoret. Phys.* (U.S.S.R.) 7, 825-8(1937).—By assuming α-particles as constituent parts of at. nuclei M. can explain why only one or two isotopes exist for the odd-numbered elements. A table of mass defects as a function of excess neutrons is given. The mass of Be⁸ should be 9.007.   F. H. Rathmann

A S M S L a   METALLURGICAL LITERATURE CLASSIFICATION

772. Чигинадзе Давид Ме... Диатометрическое исследование многокомпонентных сплавов. 1941. 58, 8 с. [25] вкл. Ан. Тб., мал. (Сообщ. АН Груз. ССР, 1945, № 8, 10).
Защ. 1941, 30.6.

773. Чкадашвили Гурам Александрович. Взаимодействие Т реакторов с легкими парами. 1954. 90 с.
Защ. 1955, 25.1.

774. Чрелашвили Арчил Георгиевич. Некоторые электрические свойства поликристаллических керамических материалов на основе двуокиси титана. 1955, 221 с. (Инст. физики им. П. Н. Лебедева АН СССР и Инст. физики АН Груз. ССР).
Защ. 1956, 25.1.

775. Чубабрия Иля Сила... нович. Об основных энергетических соотношениях в акустике. 1941, 90 с.
Защ. 1941, 30.6.

776. Шадри Ростом Семенович. Об этиной и мощной доли состояний Bi—O в марце. 1954, 78 с.
Защ. 1955, 16.4.

გეოფიზიკა Геофизика

777. ბერაშვილი გიორგი ... (Berashvili Georgi Pavlov...) Исследование геомагнитных возмущений за полный период цикла солнечной активности (1933—1945 гг.). 1951. 98, LII с. 12 вкл.
Защ. 1953, 30.6.

778. გულუა ტარას ... (Gulua Taras) Градиент потенциала атмосферного электричества в Тбилиси по данным 1938—1941 годов. 1942. [1], 83 с.
Защ. 1944, 12. 6.

779. ქორიძე მიტროფან ... (Koridze Mitrofan) Осадки в Западной Грузии. 1940. 79, 7 с. Тб.
Защ. 1940, 23.6.

780. ... Анализ восточного движения воздуха в Тбилиси. 30 с., Тб., мал. (Тр. ТГУ, т. 2, 1936, т. 8, 1939).
Защ. 1943, 16.4.

Курдиани Иосиф Георгиевич.
Защ. 1943, 16.4.

781. ... 30 с. (Тр. ТГУ, т. 2, 1936, т. 8, 1939).
Защ. 1943, 16.4.

Гонгладзе Давид Николаевич. Некоторые вопросы образования и движения снежных лавин на Кавказе. 1952. 127 с., мал. (Гос. мед. инст. Груз. ССР).
Защ. 1953, 27.10.

782. ... Чиатури Михаил Александрович. К вопросу о маловероятности распределения ветров по анеморозе.
Защ. 1954, 2.3.

Def. at
Tbilisi State U.

Shindili, R. S.

SHINDILI, R. S.

"On the Atomic and Ionic Fractions of the Silicon-Hydrogen State in Quartz."
Cand Phys-Math Sci, Tbilisi State U imeni I.V. Stalin, Tbilisi, 1955.
(KL, No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

PHASE I BOOK EXPLOITATION   SOV/3500

Abdushelishvili, A.I. Institut fiziki

Trudy, tom 6 (Transactions of the Physics Institute of the Academy of Sciences Gruzinskaya SSR, Vol. 6) Tbilisi, 1958. 282 p.

PURPOSE: This book is intended for physicists and physical chemists, and may be used by students taking advanced courses in physics and physical chemistry.

COVERAGE: This is a collection of articles by members of the Physics Institute on such subjects as helium-II, color centers, polarized deuterons in a magnetic field, effect of gamma-rays on copper oxides, digital computer program, ex- plosive air showers, effect of thermal gradient on crystals, and the theory of heavy unstable particles. The last article, in Georgian, is a brief resume of the development of physics in Georgia during the past 40 years. Abstracts in English are given after each article. No personalities are mentioned. References accompany each article.

Chelidzhvili, G. D., and G. R. Khutsishvili. Behavior of a Polarized Deuteron Beam in a Magnetic Field
In this article the authors discuss the double elastic scattering of a deuteron beam in a magnetic field, and obtain the expression for its angular distribution. It is shown that more data can be ob- tained on scattering amplitude and polarization by running the experi- ment in the presence of a magnetic field than without one.

Pataridze, G. V., and G. Sh. Kalandaze. Effect of Gamma Rays on the Catalytic Activity of Copper Oxides in the Reaction of Dehydrogenation of Ethyl Alcohol
The dependence of the catalytic activity of Cu_2O and CuO on the radiation dose received by the catalyst is investigated. In the reaction of dehydrogenation of ethyl alcohol. The irradiation in- duces an increase in CuO activity followed by a decrease in its resistance and a decrease in Cu_2O activity followed by an increase in its resistance. The irradiation of the catalyst does not change the mechanism of the reaction.

Chachkhiani, I. Y., A. S. Svanidze and V. A. Kushishvili. Mosaic Programming Method for Electron-Photon Cascade Calculations by the Monte Carlo Method with Electronic Computers
The authors present a detailed digital computer program for the computation of electron-photon cascade by the Monte Carlo method. This program is a synthesis of several subroutines each of which is designed for a specific computational aspect of the cascade pheno- mena. Each cascade is computed completely before a new cascade is computed. The proposed program can be modified to compute other problems solved by Monte Carlo methods.

Kvitpyo, N. O. Certain Problems in the Theory of Heavy Unstable Particles
This article deals with a theoretical investigation of the pro- perties of heavy unstable particles. Energy spectra of K_1 and K_2 decays are investigated. Polarization and correlation phenomena in the decay of hyperons with spin 1/2 and spin 3/2 are considered taking into account parity nonconservation. From an in- vestigation of these effects important data may be obtained on the problem of parity nonconservation and the problem of the inversion in decay of hyperons.

Parunko, V. Development of Physics in Georgia During the Past 40 Years (Continuation of a Previous Article)

AVAILABLE: Library of Congress   (QC1.A56 A1)

Card 7/7   TM/odv/bnl
                                                 8.17.60

56-34-4-2o/6o

AUTHORS: Chavchanidze, V. V., Shaduri, R. S., Kunsishvili, V. A.

TITLE: The Calculation of the Electron-Photon Cascade in Lead by the
              Monte Carlo Method (Raschet metodom Monte-Karlo elektronno-
              -fotonnogo kaskada v svintse)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,
              Vol. 34, Nr 4, pp. 912 - 915 (USSR)

ABSTRACT: This work describes the statistical probability molding based
              on the method of random trials (a modification of the method
              by Monte Carlo). This work only describes the scheme of the
              calculation of the cascade omitting details. The range of the
              γ-quantum in lead until the first process of interaction is
              "drawn". The "drawing" is made for the integral curve of the
              dependence of the total cross section on the energy of the quan-
              tum. Then the "fate" of the γ-quantum is drawn. In the case of
              pair production the energy of the positron is drawn and from
              it then the energy of the electron is ascertained. Subsequent-
              ly the amounts of the ionization losses and thus also of the
Card 1/4   energy of the components of the pair before the following

The Calculation of the Electron-Photon Cascade in Lead   56-34-4-2o/6o
by the Monte Carlo Method

collisions are determined. Simultaneously also the correction
for the multiple scattering is "drawn". The energy of the
bremsstrahlung quantum was ascertained by the method of the
construction of non-normalized integral curves with unequal ar-
gument scales. The scattering angles were "drawn" without con-
sideration of the correlation between the scattering angles of
the quantum of the electron. In the case of destruction the
scattering angle of the one γ-quantum in the center of mass
system is "drawn". From the data obtained by this also the
scattering angle of the second quantum is ascertained. The re-
sults thus obtained are plotted in form of curves for the energy
distribution and for the angular distribution of the electrons,
positrons, and γ-quanta (as functions of the generating angle
of the observation cone). The computation of the electron-photon
cascade is unusually long. For the factual performance of the
computations electronic high-speed computers are necessary. The
existing machines need not be rebuilt at all but a correspon-
dingly performed programming is sufficient. Here 2 of such
Card 2/4   programming methods are shortly described. It is a particularity

The Calculation of the Electron-Photon Cascade in Lead   56-34-4-2o/6o
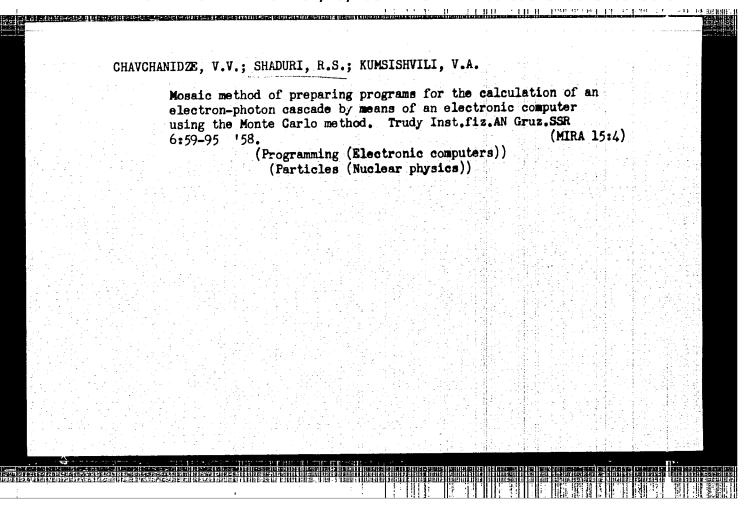by the Monte Carlo Method

of the first method that in the constant memory the arguments
of the given probability functions are stored in a certain
order. The second programming method allows the introduction
of these functions into the storing device. According to the
opinion of the authors the whole efficiency of the calculations
by the method of random trials shows up only in case of the
application of electronic computers and in case of adapted
programming. The authors thank A. V. Tagviashvili, B. I. Bonda-
revich, L. L. Esakiya, G. A. Goradze, M. Ye. Perel'man, G. A.
Almanov for their participation in the practical performance
of the computations. This work was performed on the suggestion
by Professor V. P. Dzhelepov in connection with the necessary
estimation of the probability of the non-emission of electrons
and positrons from lead plates of little thickness. The authors
thank Professor Dzhelepov and his collaborators for his atten-
tiveness and his interest in this work. There are 3 figures
Card 3/4   and 7 references, 4 of which are Soviet.

The Calculation of the Electron-Photon Cascade in Lead   56-34-4-2o/6o
by the Monte Carlo Method

ASSOCIATION: Institut fiziki Akademii nauk Gruzinskoj SSR (Institute of Physics
                AS, Georgian SSR)

SUBMITTED: September 23, 1957

                1. Lead—Nuclear reactions

Card 4/4

CHAVCHANIDZE, V.V.; SHADURI, R.S.; KUMSISHVILI, V.A.

Mosaic method of preparing programs for the calculation of an
electron-photon cascade by means of an electronic computer
using the Monte Carlo method. Trudy Inst.fiz.AN Gruz.SSR
6:59-95 '58.   (MIRA 15:4)
            (Programming (Electronic computers))
            (Particles (Nuclear physics))

CHAVCHANIDZE, V.V.; SHADURI, R.S.

> Method of statistical-probabilistic modeling applied to the
> calculation of functional integrals of the Feynman type.
> Wiener and Fresnel measures.   Trudy Inst. fiz. AN Gruz.SSR
> 7:105-111 '60.   (MIRA 14:10)
>   (Sampling(Statistics))
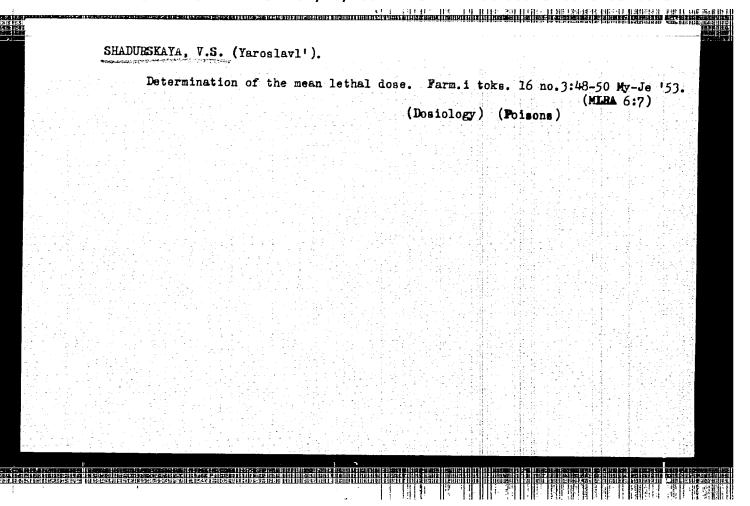>   (Integrals)

SHADURI, VANO SEMENOVICH

SHADURI, Vano Semenovich

SHADURI, Vano Semenovich   (Tbilisi State U. imeni Stalin) – Academic degree of
Doctor of Phililogical Sceinces, based on his defense,
2 June 1955, in the Council of the Inst of Russian
Literature (Pushkin House) Acad Sci USSR, of his disser-
tation entitled "Decabrist literature and Georgia."
For the Academic Degree of Doctor of Sciences

SO: Byulleten' Ministerstva Vyshego Obrazovaniya SSSR, List No. 2, 21 January 1956,
Decisions of the Higher Certification Commission concerning academic degrees
and titles.

SHADUBSKAYA, V.S. (Yaroslavl').

Determination of the mean lethal dose. Farm.i toks. 16 no.3:48-50 My-Je '53.
(MLRA 6:7)
(Dosiology) (Poisons)

"On Poisonous Chemicals Used in Agriculture," by N. S. Irger, V. S. Shadurskaya, and G. I. Pashkovskaya, Zdravookhraneniye Belorussii, 1956, 3, pp 49-51 (from Sovetskoye Meditsinskoye Referativnoye Obozreniye, Zdravookhraneniye, Gigiyena i Sanitariya, Istoriya Meditsiny, Moscow, No 20, 1956, abstract by O. Mogilevskaya, pp 61)

"Authors review in brief the toxicological characteristics of the following poisonous chemicals being used at the present time in agriculture: protars (preparation P. D.); preparation A. B.; formalin; granozan (preparation NIUIF-2); mercuran (mixture of granozan and hexachlorane); DDT; hexachlorane; and preparation NIUIF-100 (thiophos). All poisonous chemicals should be applied only under supervision of medical personnel. It is essential that processing machines PSP-0.5 and PU-1, dusting machines, sprayers, and means for the protection of the individual workers handling the poisonous chemicals be used. Poisonous chemicals should not be stored in general warehouses. Sanitary-educational work among personnel coming in contact with the poisonous chemicals is necessary." (U)

[Comment (UNCLASSIFIED): Protars (preparation P. D. is a gray powder, a mixture of Calcium arsenite with talc containing not less than 10 per cent of As_2O_3. A. B. preparation is a mixture of copper sulfate and carbonate salts containing 15 to 16 percent of copper.]

Shadurskaya, V. S.

137-58-2-4459

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 308 (USSR)

AUTHORS: Shadurskaya, V.S., Irger, N.S., Pashkovskaya, G.I.

TITLE: The Protection of Health During Electric Arc Welding at the Machine-building Plants of the Belorussian Soviet Socialist Republic (K voprosu ozdorovleniya usloviy truda pri provedenii elektrosvarochnykh rabot na mashinostroitel'nykh zavodakh BSSR)
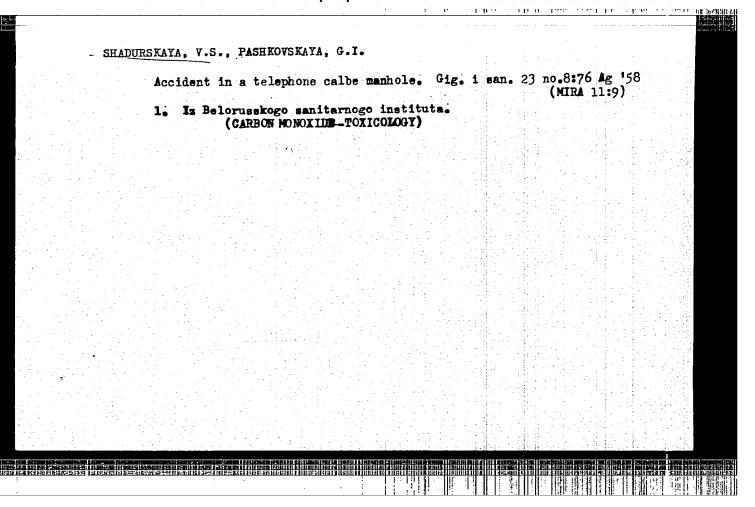
PERIODICAL: Zdravookhr. Belorussii, 1957, Nr 7, pp 62-64

ABSTRACT: Investigation has revealed that the air in the vicinity of welders (and being breathed by them), and even at places remote from the welding, is being polluted by MnO, Co, and other substances in concentrations exceeding the permissible maximum. It is pointed out that such pollutants, especially Mn, can have lasting toxic effects. Most harmful to health are considered to be the electrodes TsM-7 and MEZ-K---less harmful, OMM-5 and the grades from 4 to 55. Measures recommended to safeguard health are: proper ventilation, adequate insulation of potentially harmful processes, use of the least toxic electrode types, introduction of automatic and semiautomatic flux-

Card 1/2

137-58-2-4459

The Protection of Health (cont.)

shielded welding, absolute enforcement of the rule that any painting done in assembly-welding shops be done in separate closed compartments.

1. Arc welding—USSR   2. Personnel—Health factors

Ye. L.

Card 2/2

SHADURSKAYA, V.S., PASHKOVSKAYA, G.I.

Accident in a telephone calbe manhole. Gig. i san. 23 no.8:76 Ag '58
(MIRA 11:9)

1. Iz Belorusskogo sanitarnogo instituta.
(CARBON MONOXIDE-TOXICOLOGY)

_____, __, . S., __   __ . . . ___., __ , . __

"Hygienic evaluation of labor conditions upon the use of toxic chemical
substances in the boldozes of the _____."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

SHADURSKAYA, V.S.; IRGER, N.S.; PASHKOVSKAYA, G.I.

Improvement of working conditions in mercury laboratories. Zdrav.
Belor 5 no.2:44-45 F '59.   (MIRA 12:7)

1. Belorusskiy nauchno-issledovatel'skiy sanitarnyy institut.
    (SMOLEVICHI--MERCURY--TOXICOLOGY)

SHADURSKAYA, V.S.

Toxicology of new organic phosphate insecticides. Farm. i toks 22
no.3:269-272 My-Je '59.   (MIRA 12:7)

1. Belorusskiy nauchno-issledovatel'skiy sanitarnyy institut.
        (PHOSPHATES, tox.
                insecticides (Rus))

SHADURSKAYA, V.S. (Minsk)

Sanitary aspects of work at the "USIAZH" peat briquetting plant.
Gig. truda i prof. zab. 4 no.6:43-45 Je '60.   (MIRA 15:4)

1. Nauchno-issledovatel'skiy sanitarnyy institut, Minsk.
        (WHITE RUSSIA--PEAT INDUSTRY--HYGIENIC ASPECTS)

SHADURSKIY, I. [Shadurs'kyi, I.], inzh.

Adjrting kitchen ranges and heating stoves for using coal.
Sil'.bud. 9 no.11:20-21 N '59.   (MIRA 13:4)
                (Stoves)

SHADURSKIY, I. [Shadurs'kyi, I.], inzh.

Mechanized summer shelters for cattle. I. Sil'.bud. 12
no.6:6-8 Je '62.
(Dairy barns)

(MIRA 15:8)

L 07501-67   EWP(k)/EWT(d)/EWT(l)/EWT(m)/EWP(w)/EWP(v)/EWP(t)/ETI   IJP(c)   EM/JD

ACC NR: AR6017329   SOURCE CODE: UR/0264/66/000/001/A013/A013

AUTHOR: Zhukov, S. A.; Shadskiy, I. A.; Zhukov, N. D.

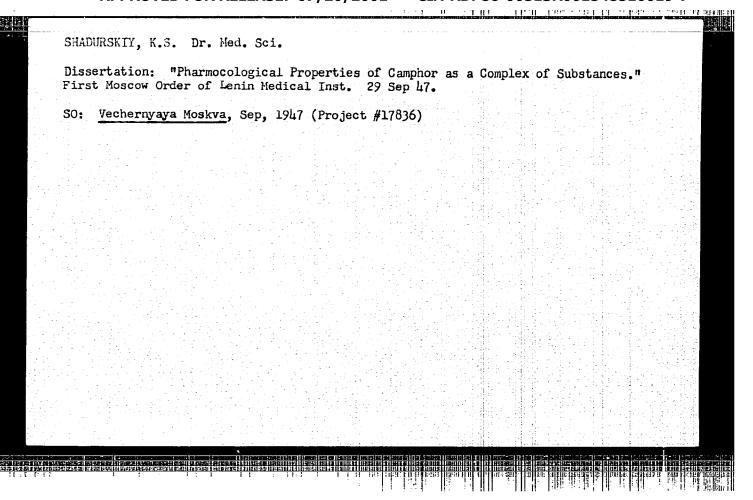TITLE: Strength of certain alloys at high frequencies

SOURCE: Ref. zh. Vozdushnyy transport, Abs. 1A72

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 19, 1965, 399-404

TOPIC TAGS: fatigue strength, alloy, fatigue test, METAL BLADE, PROPELLER BLADE

ABSTRACT: The study concerned effects of high frequency variable loads on fatigue limit of blade materials (SAP, VT3-1, EI961 and EI617). Fatigue tests employed a resonance setup, using an electromagnetic system to excite oscillations from 200 to 2400 cps. Test temperature varied from room temperature to 550C. It was established that the fatigue limit improves for all tested materials as the loading frequency increases. Best improvement in fatigue limit was noted for alloy VT3-1. [Translation of abstract] 4 illustrations and bibliography of 3 titles. V. Ivanova

SUB CODE: 11, 01

Card 1/1   UDC: 620.1

SHADURSKIY, K.S. Dr. Med. Sci.

Dissertation: "Pharmocological Properties of Camphor as a Complex of Substances."
First Moscow Order of Lenin Medical Inst. 29 Sep 47.

SO: Vechernyaya Moskva, Sep, 1947 (Project #17836)

SHUGAYEV, B.B.; SHADURSKIY, K.S., professor, zaveduyushchiy.

Registration of blood pressure and respiration in dogs without narcosis.
Farm. i toks. 16 no.3:51-53 My-Je '53.   (MLRA 6:7)

1. Kafedra farmakologii Yaroslavskogo meditsinskogo instituta.
                               (Blood pressure) (Respiration)

SHADURSKI, K.S.

CHYZHEVSKAYA, I.I.; IDEL'CHYK, Z.B.; YAKIMOVICH, L.A. SHADURSKI, K.S.

Synthesis and pharmacological properties of 1-phenoxy-2-propanol
amino derivatives. Vestsi AN BSSR. Ser. fiz.-tekh.nav. no.2:115-127
'57.   (MIRA 11:1)

                    (Propanol) (Amines)

SHADURSKIY, K.S.

CHILDREN'S DISEASES

"Problems of Pharmacology in Children's Infectious Diseases", by Professor K.S. Shadurskiy, Zdravookhraneniye Belorussii, No 3, March 1957, pp 60-64

   The author discusses the side reactions apparent in cases of chemotherapy. In his opinion, sterilization decreases the activity of protective mechanisms and retards the immunobiological action in chemotherapeutical treatment.

   A table listing the harmless dosages is presented in the article. The author concludes that the use of chemotherapeutical compounds should only be allowed, according to scientific principles, in cases of children's infectious diseases.

Card 1/1   - 11 -

OKUN', Lev Savel'yevich; SHADURSKIY, K.S., prof., doktor med.nauk,

        [Principles of pharmacology and elements of prescription
        writing] Osnovy farmakologii s retsepturoi. Pod red.
        K.S.Shadurskogo. Minsk, Gos.izd-vo BSSR, 1959. 179 p.
                                              (MIRA 12:11)
          (PHARMACOLOGY)   (PRESCRIPTION WRITING)

TURPAYEV, T.M., red.; SHADURSKIY, K.S., red.

[Summaries of reports] Tezisy dokladov. Moskva, Izd-vo Akad. nauk
SSSR. Vol.3. [Broadened abstracts of reports in symposia] Rasshiren-
nye referaty dokladov na simpoziumakh 1959. 226 p. (MIRA 14:11)

1. Vsesoyuznoye obshchestvo fiziologov, biokhimikov i farmakologov.
9. s"yezd.
  (NERVOUS SYSTEM) (ENDOCRINOLOGY) (METABOLISM)

SHADURSKIY, K.S.; Prinimali uchastiye: KOMISSAROV, I.V.; FRANKOV, I.A.;
TSAPAYEVA, T.S.. MEREZHINSKIY, M.F., prof., red.; STEPANOVA,
N.P., tekhn.red.

[Pharmacology as a basis for therapy; a manual for physicians]
Farmakologiia kak osnova terapii; posobie dlia vrachei. Minsk,
Gos.izd-vo BSSR. Red.nauchno-tekhn.lit-ry. Vol.1. [Pharmacology
of the cholinergic processes] Farmakologiia kholinergicheskikh
protsessov. 1959. 315 p.   (MIRA 12:9)
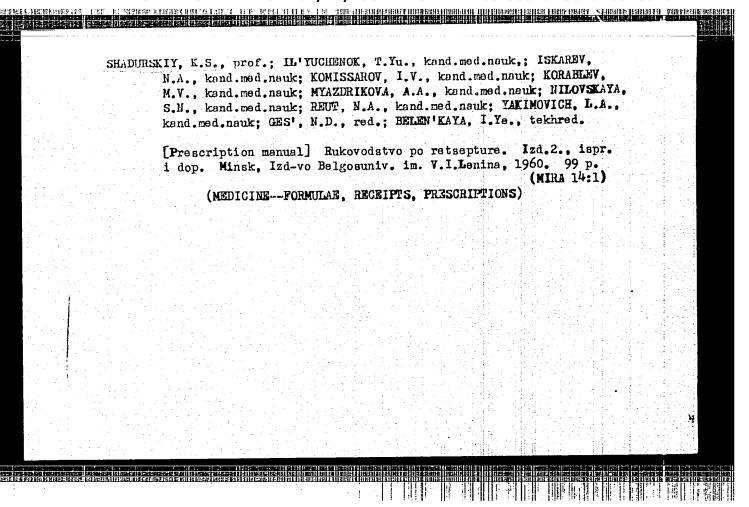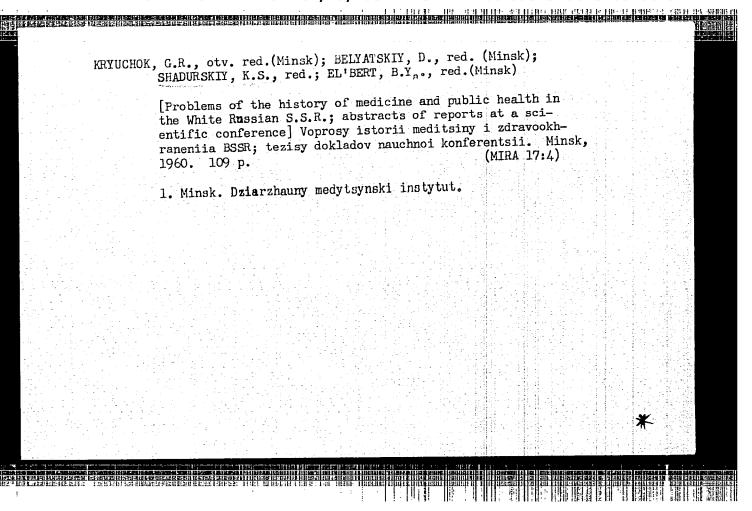   (AUTONOMIC DRUGS)

BULYGIN, I.A., red.; ZAKUSOV, V.V., red.; KAPLANSKIY, S.Ya., red.; MUZY-
KANTOV, V.A., red.; TURPAYEV, T.M., red.; CHERKASOVA, L.S., red.;
CHERNIGOVSKIY, V.N., red.; SHADURSKIY, K.S., red.; SHIDLOVSKIY,
V.A., red.; SHIK, L.L., red.; MUZYKANTOV, V.A., red.; BELEN'KAYA,
I.Ye., tekhn. red.

[Summaries of reports] Tezisy dokladov. Moskva, Izd-vo Akad. nauk
SSSR. Vol.1. [Abstracts of reports in section meetings; physiology]
Tezisy dokladov na sektsionnykh zasedaniiakh; fiziologiia. 1959. 432 p.
(MIRA 14:11)

1. Vsesoyuznoye obshchestvo fiziologov, biokhimikov i farmakologov.
9. s"yezd. 2. Kafedra fiziologii Moskovskogo meditsinskogo instituta
im. I.M.Sechenova (for Shidlovskiy).
(PHYSIOLOGICAL SOCIETIES)

SHADURSKIY, K.S., prof.; IL'YUCHENOK, T.Yu., kand.med.nauk,; ISKAREV,
N.A., kand.med.nauk; KOMISSAROV, I.V., kand.med.nauk; KORABLEV,
M.V., kand.med.nauk; MYAZDRIKOVA, A.A., kand.med.nauk; NILOVSKAYA,
S.M., kand.med.nauk; REUT, N.A., kand.med.nauk; YAKIMOVICH, L.A.,
kand.med.nauk; GES', N.D., red.; BELEN'KAYA, I.Ye., tekhred.

[Prescription manual] Rukovodstvo po retsepture. Izd.2., ispr.
i dop. Minsk, Izd-vo Belgosuniv. im. V.I.Lenina, 1960. 99 p.
(MIRA 14:1)
(MEDICINE--FORMULAE, RECEIPTS, PRESCRIPTIONS)

KRYUCHOK, G.R., otv. red.(Minsk); BELYATSKIY, D., red. (Minsk);
    SHADURSKIY, K.S., red.; EL'BERT, B.Y$_n$., red.(Minsk)

[Problems of the history of medicine and public health in
the White Russian S.S.R.; abstracts of reports at a sci-
entific conference] Voprosy istorii meditsiny i zdravookh-
raneniia BSSR; tezisy dokladov nauchnoi konferentsii. Minsk,
1960. 109 p.   (MIRA 17:4)

1. Minsk. Dziarzhauny medytsynski instytut.

SHADURSKIY, K.S., prof.; GURVICH, G.I., kand.meditsinskikh nauk

Influence of the preparation (BAS(1 benzyl-2,5 dimethyl-serotonin)
on the resistance of the body to oxygen deficiency. Zdrav. Belor.
6 no.9:24-27 S '60.   (MIRA 13:9)
            (SEROTONIN—PHYSIOLOGICAL EFFECT)   (ANOXEMIA)

SHADURSKIY, K. S.

Eighth All-Union Conference of Pharmacologists. Zdrav. Belor.
6 no. 10:71-72 O '60.   (MIRA 13:10)
                    (PHARMACOLOGY—CONGRESSES)

SHADURSKIY, Konstantin Stanislavovich; GES', N.D., red.; BELEN'KAYA, I.Ye.,
        tekhn. red.

    [Lectures on general pharmacology] Lektsii po obshchei farmakologii.
    Izd.2., perer. i dop. Minsk, Izd-vo Belgosuniversiteta im. V.I.
    Lenina, 1961. 106 p.   (MIRA 14:7)
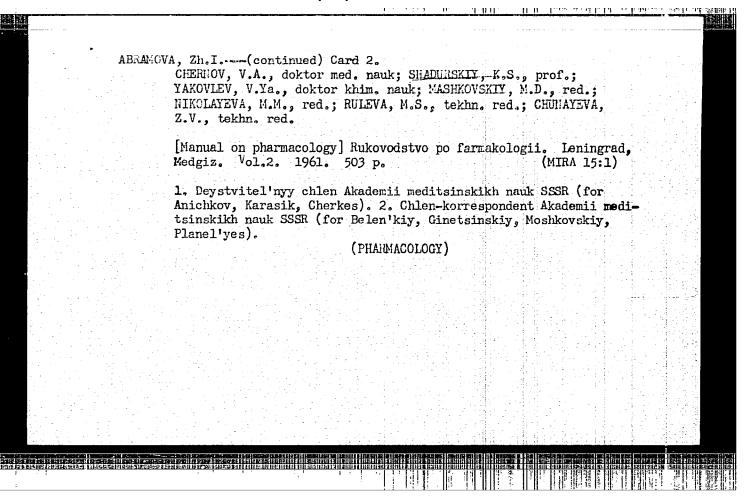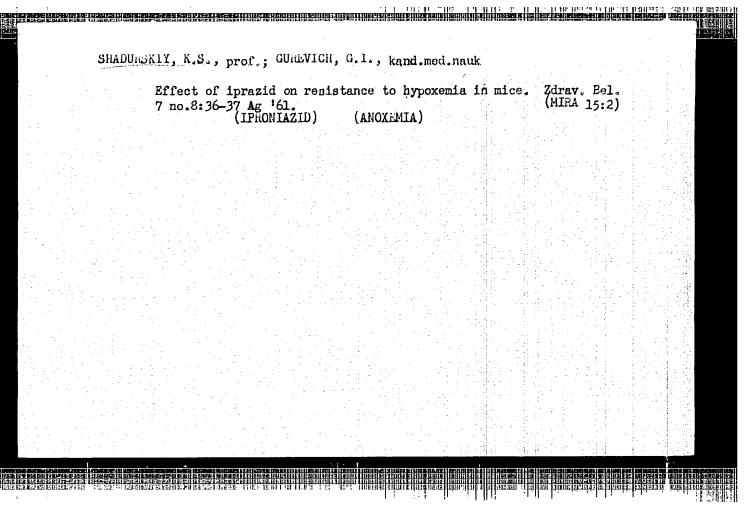   (PHARMACOLOGY)

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L.,
prof.; VAL'DMAN, A.V., doktor med. nauk; VEDENEYEVA, Z.I., kand.
med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L.,
kand. med. nauk; GINETSINSKIY, A.G., prof.; GORBOVITSKIY, S.Ye.,
prof.; GREBENKINA, M.A., dotsent; GREKH, I.F., dots.; DENISENKO,
P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYANIKOV,
V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZEYMAL', E.V., kand.
med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.M., prof.;
KIVMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV,
A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV,N.V.,
prof.; LAPIN, I.P., kand. med. nauk; MEL'NIKOVA, V.F., prof.;
MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY,
Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PARIBOK, V.P., prof.;
PERSHIN, G.N., prof.; PLANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A.,
prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.;
ROZOVSKAYA, Ye.S., dots.; RYBOLOVLEV, R.S., starshiy nauchnyy sotr.;
SALYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, R.R., kand. biol. nauk;
TIUNOV, L.A., kand. med. nauk; TOMILINA, T.N., dots.; FELISTOVICH,
G.I., kand. med. nauk; FRUYENTOV, N.K., kand. med. nauk; KHAUNINA,
R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I.,
prof.;

ABRAMOVA, Zh.I.--(continued) Card 2.
        CHERNOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;
        YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;
        NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUHAYEVA,
        Z.V., tekhn. red.

        [Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad,
        Medgiz. Vol.2. 1961. 503 p.   (MIRA 15:1)

        1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
        Anichkov, Karasik, Cherkes). 2. Chlen-korrespondent Akademii medi-
        tsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy,
        Planel'yes).
                              (PHARMACOLOGY)

SHADUNSKIY, K.S., prof.; GUREVICH, G.I., kand.med.nauk

Effect of iprazid on resistance to hypoxemia in mice. Zdrav. Bel.
7 no.8:36-37 Ag '61.   (MIRA 15:2)
          (IPRONIAZID)   (ANOXEMIA)

ACCESSION NR: AT4042672

S/0000/63/000/000/0143/0146

AUTHOR: Gurvich, G. I.; Shadurskiy, K. S.

TITLE: Increasing the resistance of the organism to oxygen deficency with the help of pharmaceuticals

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 143-146

TOPIC TAGS: hypoxia, pharmacological protection, guinea pig, rat, mouse, indole, iprazid, serotonin, hypoxia resistance/BAS

ABSTRACT: The influence of some pharmacological agents on resistance to hypoxia was investigated using guinea pigs, mice, and rats divided into experimental and control groups. Pharmaceuticals tested were "BAS" (1-benzil, 2.5 dimethylserotonin), indoles (I, IV, XXIV), iprazid, and serotonin. A combination of iprazid and serotonin was also tested. Experiments were conducted in a pressure chamber at a simulated altitude of 11,000 meters. Intramuscular

Card 1/2

ACCESSION NR: AT4042672

injections of serotonin greatly increased the resistance of guinea pigs, mice, and rats to hypoxia. Iprazid injected intraperitioneally increased resistance to hypoxia in mice especially when it was administered several days before the investigation. The combined use of iprazid and serotonin was similarly effective when iprazid was admistered 2--7 days prior to hypoxic conditions. "BAS" administered orally increased the resistance of rats and mice to hypoxia even on the first day. Animals continued to show resistance to hypoxia 10 days after the final dose of "BAS." A study of the effects of indoles on mice indicated that increased resistance to hypoxia was a function of the time and dose of preparations. The authors conclude that the results of the investigation merit a more intensive search for agents which increase resistance to hypoxia.

ASSOCIATION: none

SUBMITTED: 27Sep63   ENCL: 00   SUB CODE: LS

NO REF SOV: 000   OTHER: 000
Card 2/2

VINOGRADOVA, Ye.V.; GRINEV, A.N.; DANUSEVICH, I.K.; DZIK, M.F.; DUBOVIK, B.V.;
    ZAKHAREVSKIY, A.S.; IL'YUCHENOK, T.Yu.; KOST, A.N.; MARTINOVICH, G.I.;
    MIKLEVICH, A.V.; PIL'TIYENKO, L.F.; RACHKOVSKAYA, I.V.; REUT, N.A.;
    TALAPIN, V.I.; TAMARINA, N.Z.; TERENT'YEV, A.P.; SHADURSKIY, K.S.

Research on pharmacological agents with prolonged hypotensive
action. Vest. AMN S SSR 18 no.1:69-86 '63.   (MIRA 16:2)

1. Laboratoriya spetsial'nogo organicheskogo sinteza khimicheskogo
fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomono-
sova i kafedra farmakologii Minskogo meditsinskogo instituta.
                (HYPOTENSION)   (INDOLE)

L 14150-66   EWT(m)

ACC NR: AP6001319   SOURCE CODE: UR/0248/65/000/009/0055/0058

AUTHOR: Grinev, A. N.; Il'yuchenok, T. Yu.; Lepekhin, V. P.; Shadurskiy, K. S.

ORG: Institute of Medical Radiology, AMN SSSR, Obninsk (Institut meditsinskoy radiologii AMN SSSR)

TITLE: Loss of hypotensive activity by 5-hydroxyindole derivatives in irradiated animals
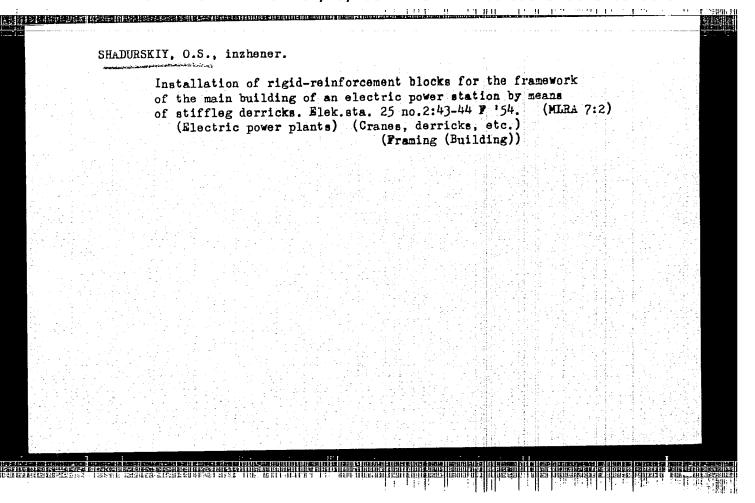
SOURCE: AMN SSSR. Vestnik, no. 9, 1965, 55-58

TOPIC TAGS: serotonin, radiation drug, radioprotective agent

ABSTRACT: A hypotension lasting from 32 to 77 days following administration of eighteen indole derivatives was established in rats of the August strain. Preliminary exposure of the animals to 300 or 600 rads of external radiation altered the hypotensive effect of the drugs considerably. A 300 rad dose increased the latent period, i. e., the time that hypotension set in, and shortened the duration of the effect of compound ORF-50. The hypotensive effect was induced after a 600 rad dose, and the blood pressure remained steady and within normal limits. The blood pres-

UDC: 615.7-092.259 : 617-001.28

Card 1/2

L 14150-66
ACC NR: AP6001319

sure of irradiated rats not previously treated with one of the protective agents
tended to drop. The author conjectures that irradiation disrupts the mechanisms by
which the 5-hydroxyindole derivatives participate in the hypotensive effect. Orig.
art. has: 2 figures, 1 table.

SUB CODE: 06/   SUBM DATE: 05Jun65/   ORIG REF: 005/   OTH REF: 000

Card 2/2

SHADURSKIY, O.S., inzhener.

Installation of rigid-reinforcement blocks for the framework
of the main building of an electric power station by means
of stiffleg derricks. Elek.sta. 25 no.2:43-44 F '54.   (MLRA 7:2)
    (Electric power plants) (Cranes, derricks, etc.)
                            (Framing (Building))

SHADURSKIY,

AID P - 1387

Subject   : USSR/Electricity

Card 1/1   Pub. 26 - 14/30

Authors   : Shadurskiy, O. S., Eng., and Yakobson, E. V.,Eng.

Title   : Large block mounting of the metallic structures
               of a cooling tower

Periodical : Elek. Sta.,   2,   43-44,   F   1955

Abstract   : The authors describe and illustrate the method
               applied.   2 drawings, 3 photographs

Institution: None

Submitted   : No date

TESLITSKIY, S.M., inzh.; SHADURSKIY, O.S., inzh.

Constructing heat networks with ready-made elements. Elek.
sta. 31 no.2:82-83 F '60.   (MIRA 13:5)
          (Heating from central stations)
          (Heating pipes)

CHAPURSKIY, P. A.

CHAPURSKIY, P. A. -- "Investigation of the Drying of Kuskovo Peat in
High Pil s." Acad Sci Belorussian SSR. Department of Physicoma-
thematical and Technical Sciences. Minsk, 1955. (Dissertation
for the Degree of Candidate in Technical Sciences)

SC: Knizhnaya Letopis', No 1, 1956

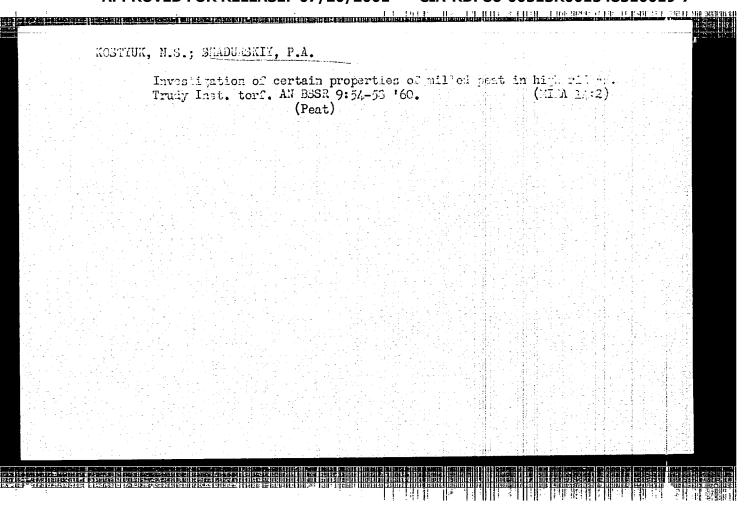ANISOVICH, A.I., inzh.; SHADURSKIY, P.A., kand.tekhn.nauk

Working a peat deposit by the excavator method without leaving strips between the sections. Torf. prom. 35 no.3:30-31 '58.
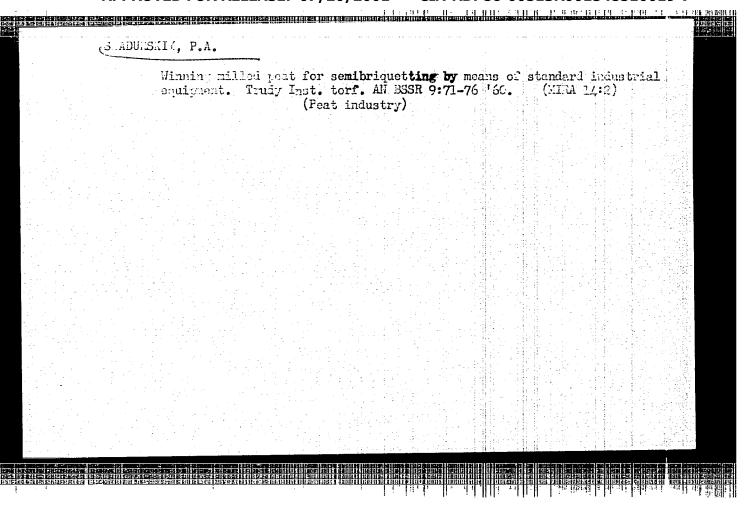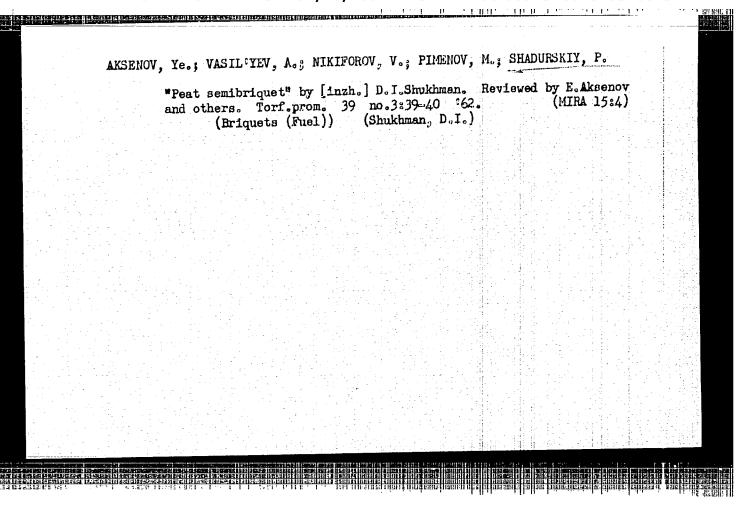(MIRA 11:5)

1.Belorusskiy gosudarstvennyy institut po proyektirovaniyu zavodov torfyanoy promyshlennosti (for Anisovich). 2.Institut torfa AN BSSR (for Shadurskiy).
(Peat)

KOSTYUK, N.S.; SHADURSKIY, P.A.

Investigation of certain properties of milled peat in high milling.
Trudy Inst. torf. AN BSSR 9:54-58 '60.   (MIRA 14:2)
(Peat)

SADUNSKII, P.A.

Winning milled peat for semibriquetting by means of standard industrial equipment. Trudy Inst. torf. AN BSSR 9:71-76 '60.   (MIRA 14:2)
(Peat industry)

AKSENOV, Ye.; VASIL'YEV, A.; NIKIFOROV, V.; PIMENOV, M.; SHADURSKIY, P.

"Peat semibriquet" by [inzh.] D.I.Shukhman. Reviewed by E.Aksenov
and others. Torf.prom. 39 no.3:39-40 '62.   (MIRA 15:4)
          (Briquets (Fuel))   (Shukhman, D.I.)

VARENTSOV, Vladimir Semenovich, dots.; LAZAREV, Aleksandr Vasil'yevich,
    dots.; BRAGIN, N.A., inzh., retsenzent; AKSENOV, Ye.A., dots.,
    retsenzent; VASIL'YEV, A.M., dots., retsenzent; NIKIFOROV, V.A.,
    dots., retsenzent; PIMENOV, M.P., dots., retsenzent; SHADURSKIY,
    P.A., dots., retsenzent; SEMENSKIY, Ye.P., dots., retsenzent;
    FRIDKIN, L.M., tekhn. red.

[Technology of the production of milled peat]Tekhnologiia pro-
izvodstva frezernogo torfa. Moskva, Gosenergoizdat, 1962. 335 p.
                                        (MIRA 15:12)
1. Kalininskiy torfyanoy institut (for Varentsov, Lazarev). 2.
Belorusskiy politekhnicheskiy institut (for Aksenov, Vasil'yev,
Nikiforov, Pimenov, Shadurskiy).
                            (Peat)